

**IN THE CLAIMS**

1. - 24. (cancelled)

25. (canceled)

26. (canceled)

27. (currently amended): The isolated nucleic acid molecule ~~of claim 25,~~ encoding a poly (ADP-ribose) polymerase (PARP) comprising a nucleotide sequence wherein the nucleotide sequence encodes a PARP comprising SEQ ID NO: 2.

28. (canceled)

29. (canceled)

30. (currently amended): The isolated nucleic acid ~~of claims 28, wherein the nucleic acid molecule which~~ comprises SEQ ID NO: 1.

31. (canceled)

32. (previously presented): The isolated nucleic acid molecule of claim 30, wherein the nucleic acid consists of SEQ ID NO: 1.

33. - 39. (canceled)

40. (currently amended): The isolated nucleic acid ~~of claim 39, wherein the molecule comprising the genomic DNA corresponding to~~ nucleic acid ~~comprises~~ SEQ ID NO: 10.

41. - 48. (canceled)

49. - 75. (canceled)